

ABSTRACT OF THE DISCLOSURE

5 A memory card cooperating with a network interface
for receiving data entry and update signals from a
database manager via a switch fabric and with a bus
interface for outputting data on a system bus disposed in
a system shelf, which shelf forms at least a portion of
a telecommunications node having a distributed scalable
database system. The memory card is operable to contain
at least a portion of the distributed database in a high
10 speed, high density memory block disposed thereon, which
memory block is coupled to a network interface controller
via a first memory interface and to a bus interface
controller via a second memory interface. An arbiter is
coupled to the first and second memory interfaces for
15 arbitrating data input operations and data output
operations with respect to the memory block.